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Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Com	plete if Known
Application Number	10/770,270
Filing Date	February 2, 2004
First Named Inventor	Steven A. Kunsman
Art Unit	2125
Examiner Name	Paul L. Rodriguez
Attemou Docket Number	E20000120

			U. S. PATENT		
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (d known)}	·		1,92,00,74,00
DIN		US-14,466,071	08-14-1984	Russell, Jr: 1	
Bos		US- 4,871,971	10-03-1989	Jerrings et al.	
am		US- 5,475,556	12-12-1995	Yoon et al.	
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76
		Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	<u> </u>
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Substitute for form 1443PTO				Application Number	10/770,270
			CLOSURE	Filing Date	February 2, 2004
STATEMENT BY APPLICANT				First Named Inventor	Steven A. Kunsman
	(llee ee many s	hoote or a	mace and	Art Unit	2125
(Use as many sheets as necessary)				Examiner Name	Paul L. Rodriguez
Sheet	2	of	5	Attorney Docket Number	E20000120

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
M		BUCHHOLZ et al; High Impedance Fault Detection Device Tester; Journal IEEE Transactions on Power Delivery, Vol. 11, No. 1, January 1996, Powertech Labs Inc., Surrey, B.C. Canada V3W 7R7	
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		Vol. 3, pp. 1005-1010, 2000;	

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Substitute for form 1443FTO	Application Number	10/770,270
INFORMATION DISCLOSURE	Filing Date	February 2, 2004
STATEMENT BY APPLICANT	First Named Inventor	Steven A. Kunsman
(Use as many sheets as necessary)	Art Unit	2125
(Use as many sneeds as necessary)	Examiner Name	Paul L. Rodriguez
Sheet 3 of .5	Attorney Docket Number	E20000120

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
M		RUSSELL et al; Performance of high-impedance fault detection algorithms in long-term field trials; Elsevier Science S.A. Power System Automation Laboratory, College Station, TX 77843	
M		C.J. KIM et al; Classification of Fualts and Switching Events by Inductive Reasoning and Expert System Methodology; Journal IEEE Transations on Power Delivery, Vol. 4, No. 3, July 1989;	
		Texas A&M University; College Station, Texas 77843	
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		Papua, New Guinea	
m		L.A. SNIDER et al; The Artificial Neural Networks Based Relay Algorithm For Distribution System High Impedance Fault	
		Detection: Journal from Proceedings of the 4th International Conference on Advances in Power System Control, Operation and Management, APSCOM-97, Hong Kong, November 1997.	

Examiner Signature	Date Considered	1/5/06	

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Subsului	e lor lorin 1445/F			Application Number	10/770,270		
			CLOSURE	Filing Date	February 2, 2004		
STA	STATEMENT BY APPLICANT			First Named Inventor	Steven A. Kunsman		
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	(Use as many	Sheets as nec		Examiner Name	Paul L. Rodriguez		
Sheet	4	of	5.	Attorney Docket Number	E20000120		

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M		R. PATTERSON et al; A Microprocessor-based Digital Feeder Monitor with High-Impedance Fault Detection; Forty-Seventh Annual Conference for Protective Relay Engineers; GE Protection	
		and Control, Malvern, PA; Dept. of Electrical Engineering Texas A&M University, College Station, Texas	
one		C.J. KIM et al; A Parameter-Based Process For Selecting High Impedance Fault Detection Techniques Using Decision Making Under Incomplete Knowledge: Journal IEEE Transaction on Power	
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Signature Considered // 3/	Examiner	Date Considered	1/5/06

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Parl		DAVID C. YU et al; An Adaptive High and Low Impedance Fault Detection Method; Journal IEEE Transactions on Power Delivery, Vol. 9, No. 4, October 1994; University of Wisconsin-Milwaukee Milwaukee, WI 53201; Puget Sound Power & Light Company,	
		Bellevue, WA 98004	
m		B. MICHAEL AUCOIN et al; High Impedance Fault Detection Implementation Issues; Journal IEEE Transactions on Power Delivery, Vol. 11, No. 1, January 1996; Texas A&M University,	
		College Station, TX 77843; Rochester Gas and Electric, Rochester, NY 14649	
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